

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Warren James North

ORAL HISTORY: 30 September 1998

EDUCATIONAL BACKGROUND:

Attended University of Illinois, 1940-43

B.S. in Aeronautical Engineering, Purdue University, Indiana, 1947

M.S. in Theoretical Aeronautical Engineering, Case Institute of Technology, 1954

M.S. in Applied Aeronautical Engineering, Princeton University, Princeton, New Jersey, 1956

PRE-NASA CAREER:

United States Air Force (1943-45)

NACA, Lewis Research Center, Cleveland, Ohio (1947-55)

Engineer and Test Pilot (1947-55)

Assistant Chief, Aerodynamics Noise Branch (1955-59)

Head, Stability Group of the Missile Design Panel

NASA CAREER:

Chief, Manned Satellites, NASA Headquarters, Washington, D.C. (1959-62)

NASA Manned Spacecraft Center/Johnson Space Center, Houston, TX

Chief, Flight Crew Support Division (1962-71)

Assistant Director for Space Shuttle, Flight Operations Directorate (1971-85)

POST-NASA CAREER:

Spalding Educational Foundation, Glendale, Arizona (1985-present)

President

PROFESSIONAL & HONORARY SOCIETIES:

- Associate Fellow, American Institute of Aeronautics and Astronautics (AIAA)
- Member, Tau Beta Pi, New Jersey Delta Chapter (National Engineering Honor Society)
- Member, Pi Tau Sigma, Beta Chapter (Honorary Mechanical Engineering Fraternity)
- Mason

AWARDS & CITATIONS:

- Institute for Advanced Study Flight Test Engineering Award - Fellowship to Princeton University, 1955
- AIAA De Florez Training Award, 1966

- NASA Award for Exceptional Service, 1968
- NASA Award for Exceptional Service, 1969

SELECT PUBLICATIONS:

- North, Warren J. "Simulation Fidelity," AIAA Simulation Conference, Columbus, Ohio, 26 August 1963.
- North, Warren J. "Flight Crew Preparation Experience," AIAA AFFTC Testing of Manned Flight Systems Conference, Flight Research Center, Edwards, California, 4-6 December 1963.
- North, Warren J. "Astronaut Selection and Training," Conference on Civilian and Military Uses of Aerospace, New York Academy of Sciences, New York, 14 January 1965.
- North, Warren J. "Gemini Flight Crew Training," Society of Automotive Engineers Third International Simulation and Training Conference, New York, 24-26 April 1967.
- North, Warren J. "Crew Functions and Training," AIAA Meeting, Philadelphia, Pennsylvania, 21 October 1968.
- North, Warren J. "Apollo Crew Procedures, Simulation and Flight Planning," Astronautics and Aeronautics, March 1970.
- North, Warren J. "Astronaut Training," Link Training Symposium, Binghamton, New York, 23-26 June 1970.
- North, Warren J. "Application of Current Simulation Techniques to Shuttle," NASA Space Shuttle Conference, Cleveland, Ohio, 15 July 1970.
- North, Warren J. "Space Shuttle Crew Operations and Training," Space Shuttle Development, Test, and Operations Conference, Phoenix, Arizona, 15-18 March 1971.
- North, Warren J. "Space Shuttle Program Status," Society for Computer Simulation Meeting, Los Angeles, California, May 1977.
- North, Warren J. "Shuttle Orbital Flight Test," Society of Flight Test Engineers, Arlington, Texas, September 1978.

40 technical papers including work on ramjet design and operation, aircraft dynamic stability, and turbo jet noise analyses.

BIOGRAPHICAL REFERENCES:

- NASA Biographical Data Sheet for Warren J. North (1978). Public Affairs Office. Lyndon B. Johnson Space Center, Houston, Texas.
- NASA Biographical Data Sheet for Warren J. North (1967). Public Affairs Office. Lyndon B. Johnson Space Center, Houston, Texas.
- North, Warren J. and Walter C. Williams. "The NASA Astronaut Program". Aerospace Engineering. January 1962 (XX). 13-15.
- North, Warren J. and C.H. Woodling. "Apollo Crew Procedures, Simulation, and Flight Planning". Astronautics & Aeronautics. March 1970. 56-62.

Who's Who in America. 51st ed. Vol. 2. 1997, s.v. "North, Warren J."

Who's Who in America. 46th ed. Vol. 2. 1990-91, s.v. "North, Warren J."

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